

Dimmer Switch User Guide

KS-7011

Notes Before Installation

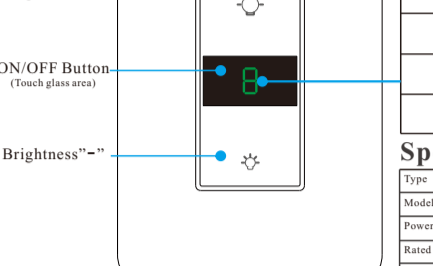
1. **Wi-Fi Only support a 2.4GHz network (802.11 b/g/n)**
2. **Only support one way/single pole circuit, NOT compatible with 3-way**
3. **Neutral wire Required.**
4. **Basic electrical wiring knowledge or experience required, or please consult a professional electrician**
5. **Never connect the neutral wire to any switch wires**
6. **ON/OFF Button also can be used as reset button, long press to reset your dimmer switch to factory defaults. Only do this if you are sure you want to erase all your settings**

Smart Home

(B)

Before you install

WARNING! RISK OF ELECTRIC SHOCK
Incorrect installation could be dangerous or illegal. Multiple breakers may need to be de-energized for safe installation. Please call a professional electrician if you are unfamiliar or uncomfortable with electrical work.

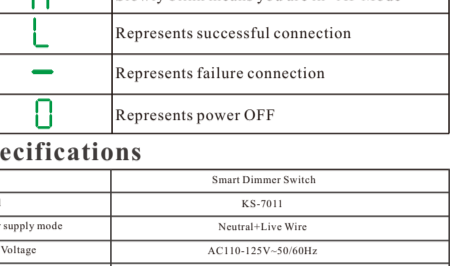


Make sure your wiring is compatible. The Dimmer replaces single-pole switches only. If your light can be turned on from two different wall switches, that's a 3-way switch and this Dimmer is not compatible

Check your bulb situation

All incandescent bulbs are dimmable, but not all LEDs are. Check the light bulb package to confirm.
Note: Does not support CFL bulbs

The number of lights your Dimmer can control depends on the type of bulb and whether the Dimmer is installed in a single-switch box or a multi-switch box.



Digital Display Meaning



Status	Description
1	Represents the brightness level
2	"L" - Represents the minimum brightness
3	"H" - Represents the maximum brightness
4	Rapidly blink means you are in "Default Mode"
5	Slowly blink means you are in "AP Mode"
6	Represents successful connection
7	Represents failure connection
8	Represents power OFF

Specifications

Type	Smart Dimmer Switch
Model	KS-7011
Power supply mode	Neutral-Line Wire
Rated Voltage	AC 110-120V/50-60Hz
Rated Power	INC 500W LED 150W
Wireless Frequency	433MHz
Wireless Standard	IEEE 802.15.4
Product Size	86mm (Standard US Deck) 86mm (UK, EU, AU Deck) 86mm (UK, EU, AU Deck)

2

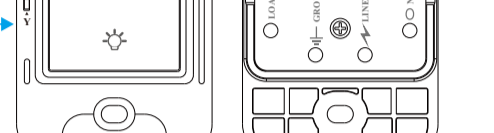
DIP Switch -2

"2" Level

"1" Level

Lamps which can't support dimmer

Lamps which support dimmer



DIP Switch-1		DIP Switch-2	
Level	Load type	Level	Notes
Y	Lamps which support dimmer	1	The lowest brightness: 1 st level < 2 nd level
		2	Notice: Under the level of lamps which supported dimmer (Level Y). If you feel the lowest brightness is too dark to accept when on the 1st level, you can adjust to 2 nd level. On the contrary, if you feel the lowest brightness is too bright when on the 2 nd level, just dial to 1 st level.
N	Lamps which can't support dimmer		This level is invalid

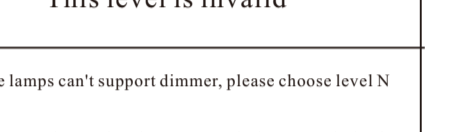
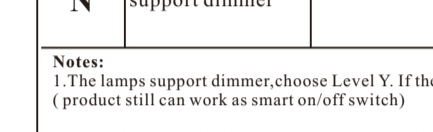
Notes:
1. The lamps support dimmer, choose Level Y. If the lamps can't support dimmer, please choose level N (product still can work as smart on/off switch)
2. When the lamps which are support dimmer on the same lowest level, some LED lights is too dark when on the lowest brightness, but some are too bright. Therefore you can choose 1st level or 2nd level to adjust the lowest brightness according your requirement.

4

Installation Guide

Step 1. Turn off circuit breaker
Find your light's control in your circuit breaker and turn it off. Then make sure the power is off by flipping your switch a few times.

Step 2. Find the neutral wire
In the wall cassette, look for one or more white wires secured with a wire nut. Do you have a neutral wire?

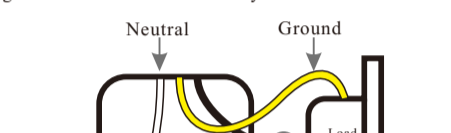


Warning: If you can't find neutral wire, please change another wall cassette, to find a neutral wire. If you really can't find out a neutral wire in your wall cassette, please contact professional electrician to help you.

5

Step 3. Label your wires
Mark or record the corresponding line before removing the old switch

Step 4. Install switch
Use wire-nuts to connect the switch wires to your home wires, following the diagram. Be careful to match line and load wires. Then remove the stickers, screw the switch into the wall. And attach the faceplate.



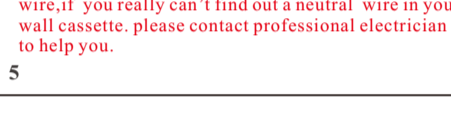
Usually:
White represents the neutral line
Black represents the fire line
Green or yellow or a single bare copper wire representing the ground wire
The above is for reference only and cannot be used as a standard.

Warning: If you do not find the ground wire, you can not connect the ground wire, but for safety, it is recommended to connect the ground wire.

6

Step 5. Turn on circuit breaker
Turn on your switch's power from the circuit breaker. Press the switch a few times to make sure it works.

Step 6. Check the indicator status
Tap NEXT when the indicator blinks rapidly (2 times per second)



7

Install the "Smart Life" APP

Step A. Find out "Smart Life" app in Apple app store, Google Play, or scan the QR code below and install it.



The free app "Smart Life" is compatible with mobile devices the support IOS8.0 above, Android 4.4 above

Step B. Enter the register interface, input the email address/phone number for getting the verification code to register an account. Please just login if you already have a Smart Life account.

8

Step C: Add the switch to Smart Life APP
Note: This smart switch can only support 2.4G network and cannot work with 5.0G network, please check if your home network is 2.4G and make sure that your phone has been connected to your Wi-Fi home network

(1) Tap "+" button on top right corner to add device, the tap "switch" to enter next page.



9

Default Mode (Recommend)

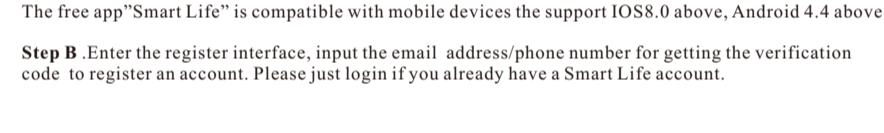
Indicator light rapidly blinks (2 times per second)
Step 1. Make sure the indicator blinks rapidly, if not, hold the ON/OFF button for 7-10 seconds for reset.



10

AP Mode (Alternative)

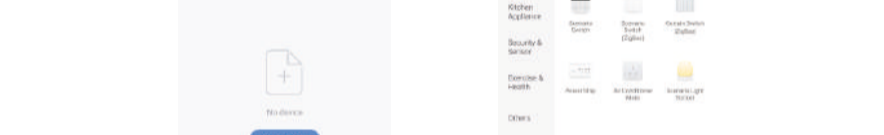
Indicator light slowly blinks (1 time every 3 second)
Step 1. When the indicator blinks rapidly, press and hold the ON/OFF button for another 7-10 seconds, the indicator will blink slowly.



11

Step D. Give a name to the switch and tap "Completed", you will find the device you've named is shown on the app home page. Tap the device to enter the setting page.

Note: The name you give to the device will be the name for voice control on Amazon Alexa or Google Home later. For example, the device is named "Switch" in this user guide.



13

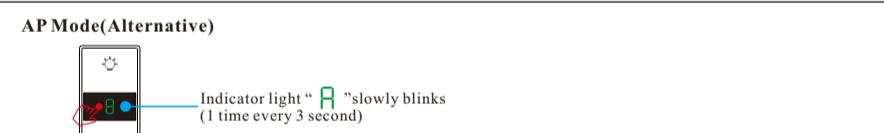
After completing Part Two, you can control the switch with Smart Life APP on this setting page now.



Click here to Locked set
Click here select type of your lamp
Try ON/OFF on the app to control the dimmer switch.
Click here to enter the dimming menu
Slide here to adjust the brightness

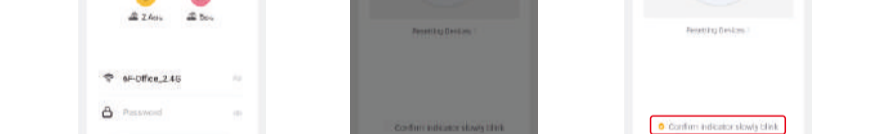
14

Try timer function to easily set up schedule to turn ON/OFF dimmer switch.



15

If you want to connect to Amazon Alexa, Google Home, please follow the instructions to find the guide in the app. (Here are the matching videos and detailed steps)



16

FAQ

Q: Why by the switch work at first time, but not working when I control again?
A: Please operate as follow:

Step one: Adjust the brightness to "1" level on the touch panel, turn off the switch. Put the DIP Switch to "Middle" Level, turn switch ON. If the lamps are working, switch can be used dimming function. Please keep "Middle level" and install the face plate.

Step two: According to step one, if the lamps still not working, please adjust the brightness to "2" level again and turn off the switch. Continue put the DIP switch to "2" Level. Turn on the switch. If the lamps are working well, the dimmer can be controlled normally. Please keep the "2 level" and install the face plate.

Q: After the dimmer installed, the light bulb is not bright
A: 1. Check whether there is a neutral wire in the wall switch box (This dimmer must require a neutral wire)
2. Check if the wiring method is correspond with the wiring diagram.

Q: Dimming function is not available after the dimmer installed
A: 1. Please confirm whether the type of bulb on the dimmer corresponds to the type of bulb at home.
If the selection is wrong, please switch it to the corresponding position and re-pair.
(At present, only LEDs and incandescent lamps are supported, and CFL lamps are not supported at the moment.)
For example, if the lamp at home is LED light, you should switch it to LED position.
2. Confirm whether your LED bulbs support dimming function (Generally, it is clearly marked on the box of the bulb)

Q: After the dimmer installed, there are problems such as malfunction
A: There are a lot of shapes and sizes for Wi-Fi networks, also with many quirks of their own. It doesn't mean your Dimmer is malfunctioning. If problems still are existing, please try these steps below:

- Recenter or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

RF warning statement:
To maintain compliance with FCC's RF exposure guidelines, this equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.

17

1. Forcefully quit and re-start the "Smart Life" APP then checking if that fixes the issues.
2. Unplug your router and plug it back to reboot it, then check if that fixes the issues.

Q: After dimmer installed, failure to pair APP
A: 1. Is the position of the installed dimmer covered by Wi-Fi? Or is it far from the router? or the signal is weak? Make sure that the position where the dimmer is installed can receive the Wi-Fi signal normally.
2. Please confirm that the entered Wi-Fi password is correct.
3. Please confirm that the Wi-Fi router is 2.4GHz. (Device does not support 5GHz)
4. If all the above informations are correct but still failure to get connected, please re-pair with AP mode.

FCC NOTE:
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference.
(2) This device must accept any interference received, including interference that may cause harmful operation. The manufacturer is not responsible for any radio or tv interference caused by unauthorized modifications or changes to this equipment. Such modifications or change could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communication. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, this can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

English
7.3.2(4)

TO REDUCE THE RISK OF OVERHEATING AND POSSIBLE DAMAGE TO OTHER EQUIPMENT, DO NOT INSTALL TO CONTROL A RECEPTACLE, A MOTOR OPERATED APPLIANCE, OR A TRANSFORMER-SUPPLIED APPLIANCE

18